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 J1040 U.S. PTO
 10/043818
 01/11/02

Applicant	Mark J. Dapper	INFORMATION DISCLOSURE STATEMENT
Serial No.	Unknown	
Filing Date	Herewith	
Group Art Unit	Unknown	
Examiner	Unknown	
Attorney Docket No.	100.070US31	
Title: CONTROLLING SERVICE UNITS IN A COMMUNICATION SYSTEM		

Commissioner for Patents
BOX PATENT APPLICATION
 Washington, D.C. 20231

In compliance with 37 C.F.R. §§ 1.56 and 1.97, *et seq.*, the materials listed on the attached Form 1449 are brought to the attention of the Examiner for consideration in connection with the above-identified Application. Applicant respectfully requests that this Information Disclosure Statement be entered and the references listed on the attached Form 1449 be considered by the Examiner and made of record. Pursuant to MPEP §609, Applicant requests that the Examiner initial next to each reference on the Form 1449 to indicate that the listed references have been considered. Applicant further requests that a copy of the initialed Form 1449 be returned with the next official communication.

Furthermore, pursuant to MPEP §609, because the references listed on the attached Form 1449 have been previously submitted and made of record in the parent application, U.S. Serial No. 09/396,309, filed September 15, 1999, copies of the references are not submitted herewith.

Under 37 C.F.R. § 1.97(b)(3), it is believed that no fee or certificate is required with this Information Disclosure Statement. However, if an Office Action on the merits has been mailed, the Commissioner is hereby authorized to charge any fees deemed necessary or credit any overpayment to Deposit Account No. 501373.

The Examiner is invited to contact the Applicant's Representative at the below-listed telephone number if they are any questions regarding this communication.

Respectfully submitted,

Date: 11 January 2002

Laura A. Ryan
 Laura A. Ryan
 Reg. No. P-49,055

Attorneys for Applicant
 Fogg Slifer Polglaze Leffert & Jay, P.A.
 P.O. Box 581009
 Minneapolis, MN 55458-1009
 T - 612/312-2200
 F - 612/312-2250

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U.S. Patent References					
Examiner Initials	Patent No.	Issue Date	Name	Filing Date	
	3,539,924	11/10/70	Daskalakis et al.	10/12/67	
	3,805,265	4/16/74	Lester	10/6/74	
	4,300,229	11/10/81	Hirosaki	02/15/80	
	4,438,511	03/20/84	Baran	11/10/80	
	4,648,123	03/03/87	Schrock	01/08/85	
	4,707,832	11/17/87	Glenn et al.	04/10/85	
	4,868,811	09/19/89	Suzuki	02/29/88	
	4,881,241	11/14/89	Pommier et al.	02/24/88	
	4,943,980	07/24/90	Dobson et al.	05/02/89	
	4,953,197	4/28/90	Kaewell, Jr. et. Al.	12/8/88	
	5,134,464	07/28/92	Basile et al.	01/29/91	
	5,282,222	01/25/94	Fattouche et al.	03/31/92	
	5,291,289	03/01/94	Hulyalkar et al.	03/20/92	
	5,297,136	03/22/94	Soprano et al.	09/25/91	
	5,345,440	09/06/94	Gledhill et al.	09/13/91	
	5,371,548	12/06/94	Williams	07/09/93	
	5,483,529	01/09/96	Baggen et al.	02/03/94	
	5,588,413	01/30/96	Elder et al.	06/14/94	
	5,488,632	01/30/96	Mason et al.	04/02/91	
	5,963,557	10/05/99	Eng	04/11/97	
	6,097,736	08/01/00	Proctor et al.	07/05/95	
Foreign Patent References					
Examiner Initials	Foreign Patent Country	No.	Name	Publication Date	T?
	JP	05-167632 (English Language Abstract attached)	Matsushita Electric Ind. Co. Ltd.	07/02/93	N
	JP	57-107646 (English Language Abstract attached)	Fujitsu K.K.	7/5/82	N
	EP	0 673 131	Kabushiki Kaisha Toshiba	09/20/95	
	PCT	WO 91/15925	National Transcommunications, Ltd.	10/17/91	
	PCT	WO 96/10303	ADC Telecommunications, Inc.	04/04/96	
Other References					
Examiner Initials	Author, Title, Date, Pages, etc.				
	"OFDM: An Alternative Digital Modulation Scheme," <u>Cable Television Laboratories, Inc.</u> , 3-6, (1993)				
	Barsellotti, J., et al., "Overcoming Problems in the CATV Return Path with OFDM...", pp. 319, 321, 323, 325, 327 (No earlier than May 1995); and an updated version attached thereto obtained from http://www.catv.org/modem/technical/ofdm.html , pp. 1-8, March 9, 2000)				

Examiner Signature	Date Considered
*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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	Bingham, J.A., "Multicarrier Modulation for Data Transmission: an Idea Whose Time has Come," <u>IEEE Communications Magazine</u> , No. 5, pp. 5-12, (May 28, 1990)
Other References	
Examiner Initials	Author, Title, Date, Pages, etc.
	Engstrom, B., et al., "A System for Test of Multiaccess Methods based on OFDM," <u>Proceedings of the 1994 IEEE 44th Vehicular Technology Conference</u> , Vol. 3, Stockholm, Sweden, 1843-1845, (June 8-10, 1994)
	Fliege, N.J., "Orthogonal Multiple Carrier Data Transmission," <u>European Transactions on Telecommunications and Related Technologies</u> , 3, 255-264, (May-June, 1992)
	Hirosaki, B., et al., "A 19.2 Kbps Voiceband Data Modem Based on Orthogonally Multiplexed QAM Techniques," <u>IEEE</u> , 661-665, (1985)
	Hirosaki, B., et al., "Advanced Groupband Data Modem Using Orthogonally Multiplexed QAM Technique," <u>IEEE Transactions on Communications</u> , Vol. COM-34, 587-592, (June 1986)
	Reiners, C., et al., "Multicarrier Transmission Technique in Cellular Mobile Communications System," <u>Proceedings of the 1994 IEEE Vehicular Technology Conference</u> , Vol. 3, Stockholm, Sweden, 1645-1649, (June 8-10, 1994)
	Wei, L., et al., "Synchronization Requirements for Multi-user OFDM on Satellite Mobile and Two-path Rayleigh Fading Channels," <u>IEEE Transactions on Communications</u> , 43, 887-895, (Feb.-Apr. 1995)

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